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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT**

I. HEADING**DATE:** May 24, 2002**SUBJECT:** POLREP for the Eagle Picher Residential Site, East St. Louis, St. Clair County, Illinois**FROM:** Kevin Turner, Thomas Cook, Mike Harris, U.S. EPA OSC, Region 5, ERB, Chicago, IL.

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POLREP #: POLREP #6 - Fund Lead Removal**II. BACKGROUND**

Response Authority:	CERCLA (# ILN000508196)	State Notification:	08/31/2001
NPL Status:	Non-NPL	Start Date:	02/11/ 2002
Latitude:	38°38'09"N	Completion Date:	NA
Longitude:	90°08'56"W	Action Memorandum Status:	08/31/ 2001

III. SITE INFORMATION**A. Incident Category**

Residential Removal

B. Site Description

1. Site location

See Initial POLREP

2. Description of threat

See Initial POLREP

C. Preliminary Assessment/Site Inspection Results

See Initial POLREP

IV. SITE INFORMATION

A. Situation

1. Response activities to date

Work proceeded with the following:

- START member continued to screen residential areas with the X-ray fluorescence (XRF) spectrometer. Screening revealed soil lead levels above the U.S. EPA site specific residential action level of 400 mg/kg;
- Although the lead levels often exceed the site specific action level, the toxicity characteristic leaching procedure (TCLP) analysis from the site assessment was well below the regulatory level of 5 mg/L. Therefore, excavated soils hauled from the site are being considered low level lead contaminated soil;
- The areas excavated are screened with an XRF and those areas above the site specific residential cleanup levels were marked for excavation;
- After residence owners sign an access agreement, an XRF is used to screen the areas for EPA's site specific lead residential action level of 400 mg/kg;
- Before excavation began at a residence, the property and home was video documented to protect against any possible damage claims.
- Due to heavy rains, work was halted from May 6, 2002 thru May 13, 2002. Excavation and restoration resumed on May 14, 2002.

2. Removal activities to date:

- Access agreements have been signed;
- A total of 3,535 tons of low level lead contaminated soil was hauled from the site and additional residential properties;
- A total of 4,263 tons of clean backfill has been placed on site;

3. Enforcement:

Enforcement/Cost recovery actions are pending.

B. Planned Removal Activities

- The extent of the low level lead contamination removals has ended. Due to the heavy rains several small restoration projects had to be delayed. Final restoration will take place subject to weather conditions.

C. Next Steps

- Final restoration of several residential properties.

D. Key Issues

- Securing access from residential home owners.
- Adverse weather conditions may delay future site activities.

V. COSTS

	<u>Cost to date</u>	<u>Ceiling</u>	<u>% Remaining</u>
ERRS	\$224,685.04	\$226,210	0.007%
START	\$15,000	\$15,765	4.9%
EPA	\$9,200	\$22,410	59.8%
TOTAL	\$248,885.04	\$264,385	5.9%

The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor. Other financial data, which the OSC must rely upon, may not

be entirely up to date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

VI. DISPOSITION OF WASTES

Wastestream	Medium	Quantity	Transportation	Treatment	Disposal
Lead	Soil	3,535 Tons	Truck	NA	Landfill